

Abstract of the Disclosure

In an image recognition apparatus and an LCD apparatus having the same, a plurality of gate lines arranged in a transparent substrate has a predetermined slope such 5 that the gate lines intersect with two sides of the transparent substrate, which are adjacent to or facing each other. A plurality of sensing signal output line arranged in the transparent substrate is substantially perpendicular to the gate lines. An image recognition sensor is formed on a pixel area defined by the gate and sensing signal output lines adjacent to each other. The image recognition sensor senses an image pattern of an object in response to 10 gate driving signals from the gate lines and outputs the sensed image pattern through the sensing signal output lines. Accordingly, the LCD apparatus may prevent appearance of the moiré image and deterioration of the display quality of the LCD panel.